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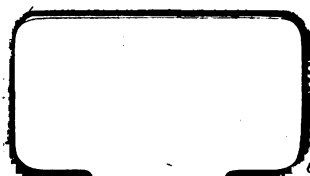
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FORESTRY DEPARTMENT

Maryland State Board of Forestry
BALTIMORE, MD.

WM. BULLOCK CLARK,
Executive Officer

F. W. BESLEY,
State Forester

FORESTRY LEAFLET NO. 7

Maryland's Forest Resources
(A PRELIMINARY REPORT)

By
F. W. BESLEY,
State Forester



MARYLAND'S FOREST RESOURCES.

(A Preliminary Report)

By F. W. BESLEY, State Forester.

The State Board of Forestry has for the past three summer field seasons been making a study of forest conditions, with the object of ascertaining the forest resources of the State and suggesting practical methods of handling woodlands. Up to the present time, December, 1908, ten counties have been examined in detail, and reports for each will be issued in the county reports of the State Geological Survey, which is co-operating with the Board of Forestry in the publication of this information. The ten counties for which detailed studies have been made and forest maps prepared are Allegany, Calvert, Garrett, Harford, Kent, Prince George's, Queen Anne, St. Mary's, Wicomico and Worcester.* The remaining counties of the State will be taken up in a similar manner and in two years it is expected that a forest map for the whole state will be completed and our forest resources fully catalogued. In the meantime the counties not yet studied in detail have been investigated in a general way, making it possible to publish at this time a preliminary report of the forest resources of the state, of which the following table is a summary:

*This county was examined by U. S. Forest Service and a forest map published by the State Geological Survey in 1905.

Wooded Area, Amount and Value of Standing Timber in Maryland.

(Includes all species of trees 10 inches and over in diameter measured at breast height, 4½ feet from the ground.)

County.	Wooded Area.	Per Cent. of County wooded.	Total Stand. (10" and over in diameter.) ¹			Approximate Stumpage Value.
			Hardwoods.	Pines.	Total.	
	Acres	Per Cent.	M bd. ft. (3)	M bd. ft. (3)	M bd. ft. (3)	
Allegany	163,650	51	134,948	24,164	159,112	\$409,862
A. Arundel (1)...	105,348	38	89,124	5,689	94,813	239,877
Baltimore (1)....	118,729	29	213,512	200	213,712	641,136
Calvert	62,390	45	70,638	7,717	78,355	164,427
Caroline (1).....	72,462	33	48,308	24,154	72,462	217,381
Carroll (1).....	32,422	11	61,464.	100	61,564	184,692
Cecil (1).....	73,931	31	62,304	420	62,724	157,020
Charles (2).....	147,840	50	121,968	40,656	162,624	426,888
Dorchester (1)...	149,635	41	74,683	149,364	224,047	672,139
Frederick (2)....	50,928	12	61,020	94	61,114	183,342
Garrett	273,357	64	365,698	*45,234	410,932	1,095,181
Harford	81,872	29	147,204	148	147,352	442,056
Howard (1).....	57,453	36	80,300	134	80,434	240,302
Kent	33,755	17	50,129	149	50,278	174,276
Montgom'y (1)...	62,255	19	56,030	4,980	61,010	155,015
Pr. George's.....	127,200	41	107,838	8,720	116,558	313,744
Queen Anne.....	59,279	25	65,558	11,019	76,577	273,529
St. Mary's.....	119,080	50	83,831	61,823	145,654	353,131
Somerset (1)....	51,024	24	25,512	95,670	121,182	408,192
Talbot (1).....	37,338	22	22,402	67,209	89,611	291,238
Washington (2)..	73,168	20	73,000	168	73,168	146,504
Wicomico	111,513	47	26,606	97,639	124,245	416,082
Worcester	134,627	43	94,796	93,099	187,895	561,988
Totals.....	2,199,256	35	2,136,873	738,550	2,875,423	\$8,168,002

1—Wooded area measured but stand estimated.

2—Wooded area and stand of timber estimated.

3—Doyle log measure used.

*—Includes hemlock.

An examination of the table shows that 74 per cent. of the stand of timber in the state is hardwood, of which the oaks constitute much the larger per cent., followed by chestnut, gums, poplars and hickory. The stand of pine, which represents 26 per cent. of the total stand, includes a small amount of hemlock in Garrett county. The loblolly pine, locally called long-leaf pine, found on the Eastern Shore and in Southern Maryland counties, contributes more saw timber than any other pine. Scrub pine, sometimes called spruce pine, is abundant in Southern and Central Maryland, and is largely used for pulp-wood and cord-wood, but is less important than loblolly pine as a timber tree because it seldom attains a diameter of 10 inches. The third pine in importance is the pitch pine, often called fox-tail pine. This is found sparingly within the range of scrub pine, but its distribution is extended to the western part of the state, where it attains timber size on large areas. The white pine, at one time forming large forests in Western Maryland, is now only found scattered through the forests of the mountains in decreasing proportion. The practical extermination of the white pine has been due to the strong demand for white pine lumber and the severe fires that have invariably followed lumbering operations.

Stand and Value of Timber by Sections.

Section.	Wooded Areas.	P. Ct. of Wooded Area of State.	Stand: 10" and over in diameter.			Stumpage Value.
			Hardwoods.	Pine.	Total.	
	Acres.	Per Cent.	M bd. ft.	Md bd. ft.	M bd. ft.	
Western	437,007	20	500,646	69,398	570,044	\$1,505,043
Central	550,738	25	754,834	6,244	761,078	2,150,067
Southern	561,858	26	473,399	124,605	598,004	1,498,067
Eastern Shore.	649,653	29	407,994	538,303	946,297	3,014,825
Totals	2,199,256	100	2,136,873	738,550	2,875,423	\$8,168,002

